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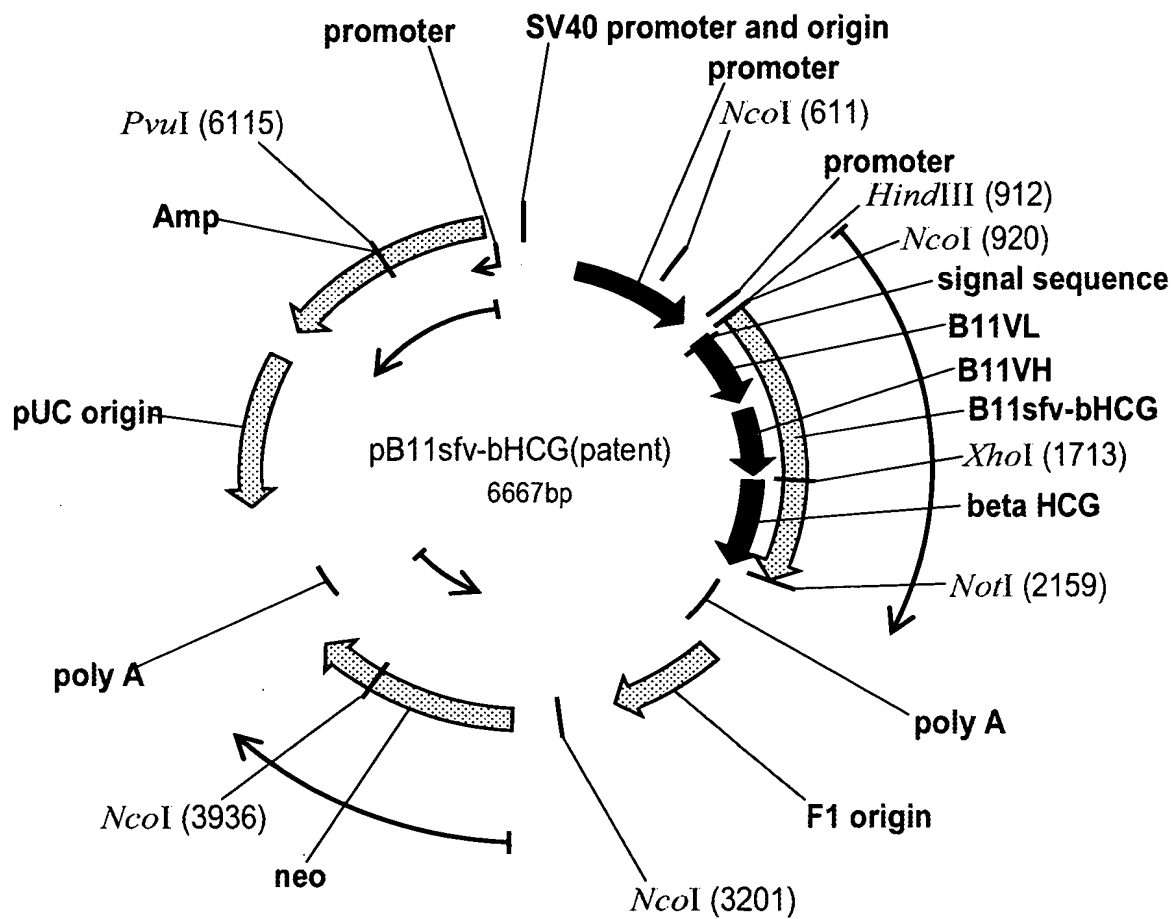


Fig. 1

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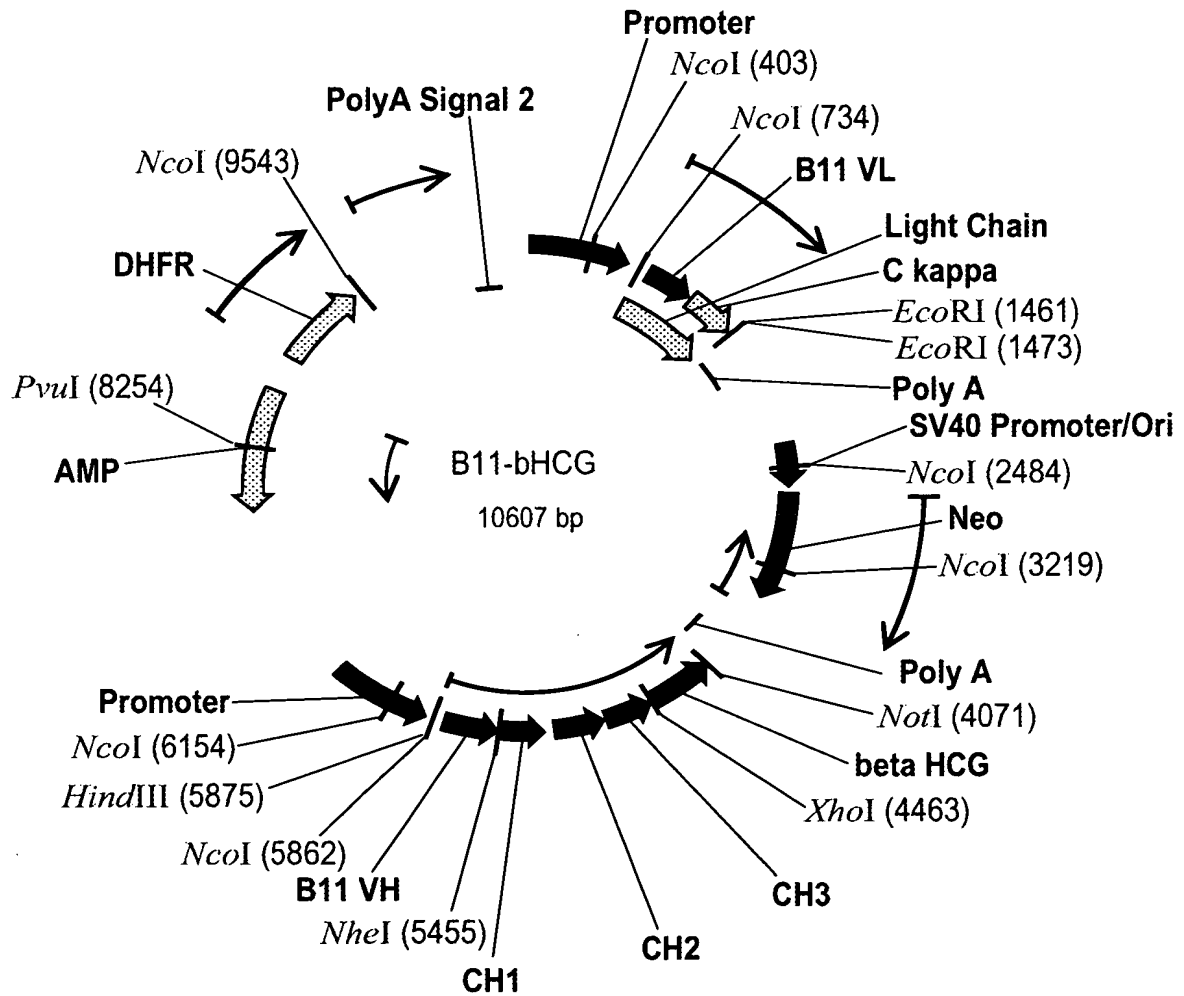


Fig. 2

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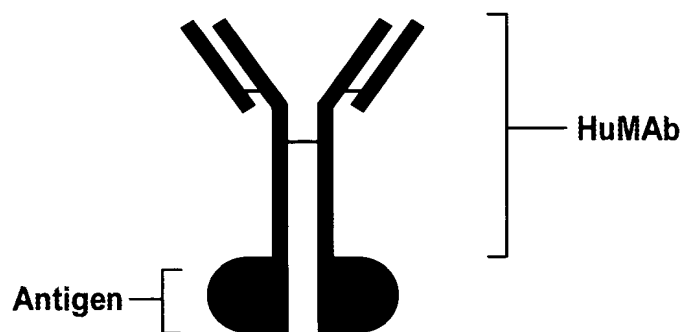


Fig. 3

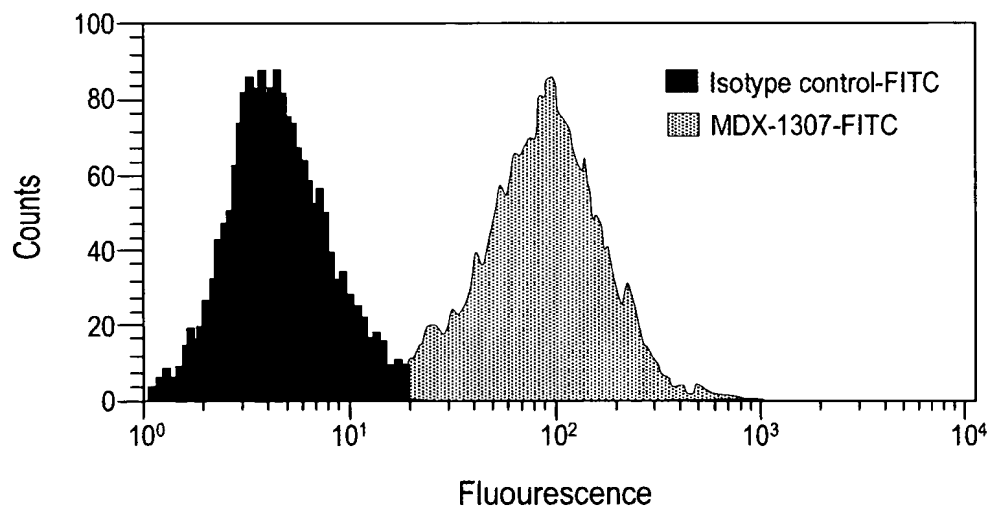


Fig. 4

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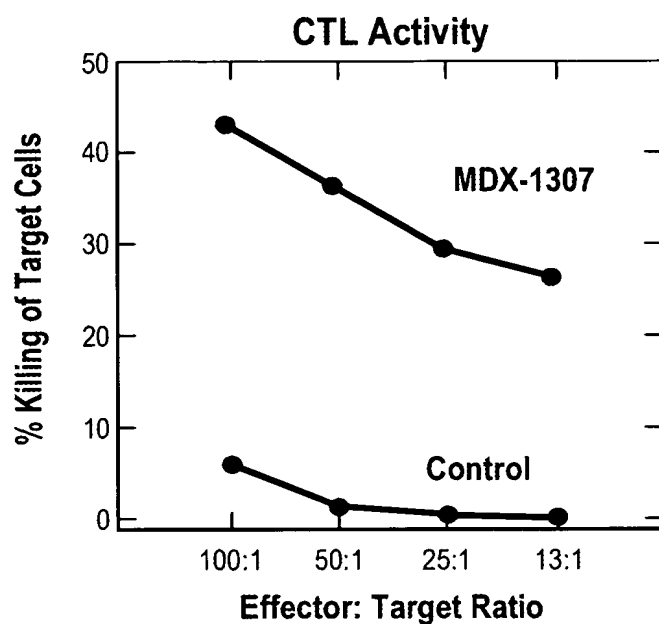


Fig. 5

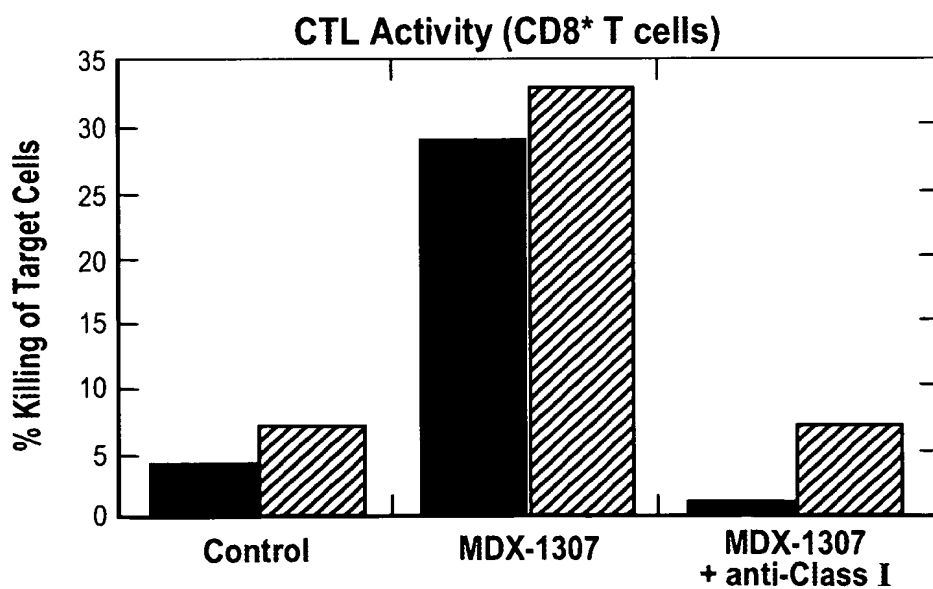


Fig. 6

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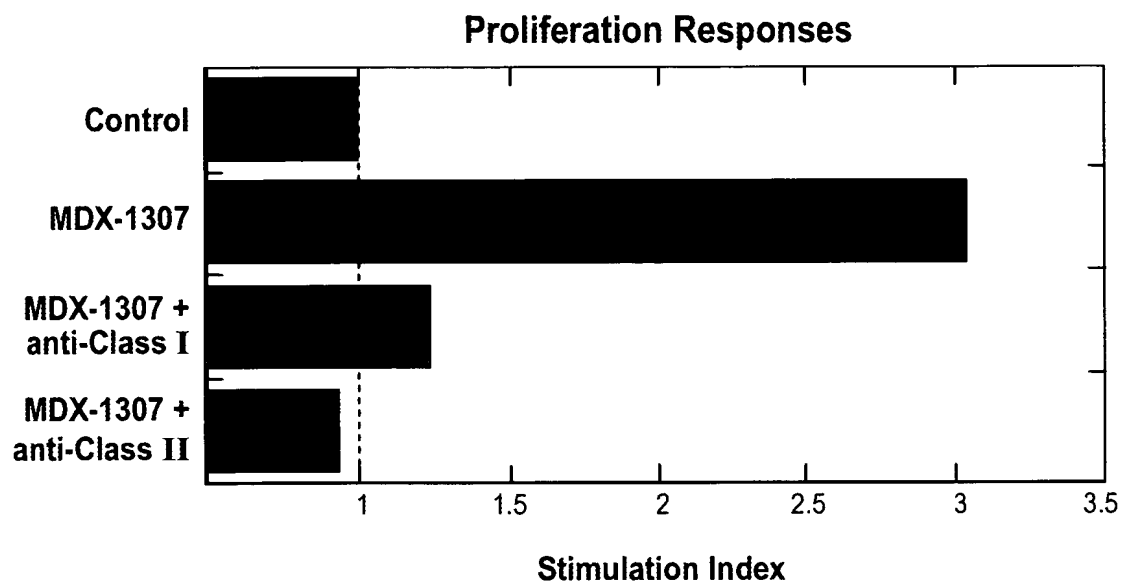


Fig. 7

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Anti-Mannose Receptor B11 VH

V-segment: Locus - 5-51 Name: DP-73/V5-51

D-segment: Unknown

J-segment: JH4b

```

      E V Q L V Q S G A E V K K P G E S L
1   GAG GTG CAG CTG GTG CAG TCT GGA GCA GAG GTG AAA AAG CCC GGG GAG TCT CTG

                                     CDR 1
                                     -----
      R I S C K G S G D S F T T Y W I G W
55  AGG ATC TCC TGT AAG GGT TCT GGA GAC AGT TTT ACC ACC TAC TGG ATC GGC TGG

                                     CDR 2
                                     -----
      V R Q M P G K G L E W M G I I Y P G
109 GTG CGC CAG ATG CCC GGG AAA GGC CTG GAG TGG ATG GGG ATC ATC TAT CCT GGT

      CDR 2
      -----
      D S D T I Y S P S F Q G Q V T I S A
163 GAC TCT GAT ACC ATA TAC AGC CCG TCC TTC CAA GGC CAG GTC ACC ATC TCA GCC

      D K S I S T A Y L Q W S S L K A S D
217 GAC AAG TCC ATC AGC ACC GCC TAC CTG CAG TGG AGC AGC CTG AAG GCC TCG GAC

      CDR 3
      -----
      T A M Y Y C T R G D R G V D Y W G Q
271 ACC GCC ATG TAT TAC TGT ACG AGA GGG GAC CGG GGC GTT GAC TAC TGG GGC CAG

                                     L
                                     JH4b

      G T L V T V S S
325 GGA ACC CTG GTC ACC GTC TCC TCA
```

Fig. 8

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Anti-Mannose Receptor B11 VL

V-segment: Locus - L15

Name: DPK7/HK134

J-segment: JK1

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      D   I   Q   M   T   Q   S   P   S   S   L   S   A   S   V   G   D   R
1  GAC ATC CAG ATG ACC CAG TCT CCA TCC TCA CTG TCT GCA TCT GTA GGA GAC AGA

                                CDR 1
                                -----
      V   T   I   T   C   R   A   S   Q   G   I   S   R   W   L   A   W   Y
55  GTC ACC ATC ACT TGT CGG GCG AGT CAG GGT ATT AGC AGG TGG TTA GCC TGG TAT

                                CDR 2
                                -----
      Q   Q   K   P   E   K   A   P   K   S   L   I   Y   A   A   S   S   L
109 CAG CAG AAA CCA GAG AAA GCC CCT AAG TCC CTG ATC TAT GCT GCA TCC AGT TTG

      CDR 2
      -----
      Q   S   G   V   P   S   R   F   S   G   S   G   S   G   T   D   F   T
163 CAA AGT GGG GTC CCA TCA AGG TTC AGC GGC AGT GGA TCT GGG ACA GAT TTC ACT

                                CDR 3
                                -----
      L   T   I   S   G   L   Q   P   E   D   F   A   T   Y   Y   C   Q   Q
217 CTC ACC ATC AGC GGC CTG CAG CCT GAA GAT TTT GCA ACT TAT TAC TGC CAA CAG

      CDR 3
      -----
      Y   N   S   Y   P   R   T   F   G   Q   G   T   K   V   E   I   K
271 TAT AAT AGT TAC CCT CGG ACG TTC GGC CAA GGG ACC AAG GTG GAA ATC AAA

      JK 1
```

Fig. 9

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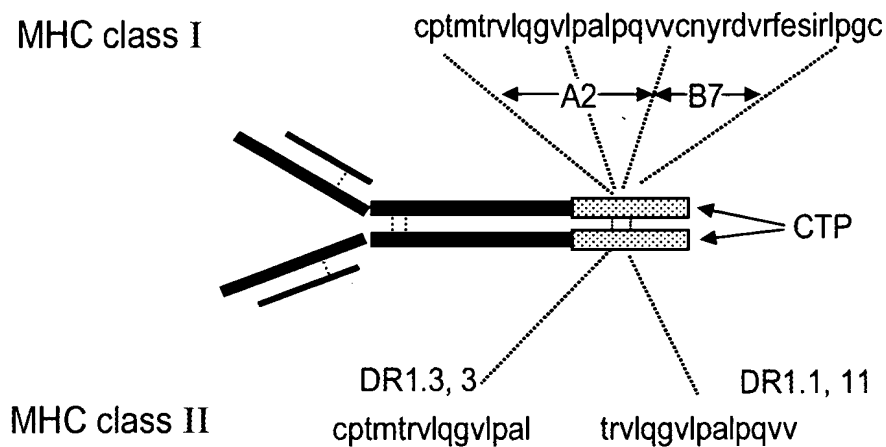


Fig. 10

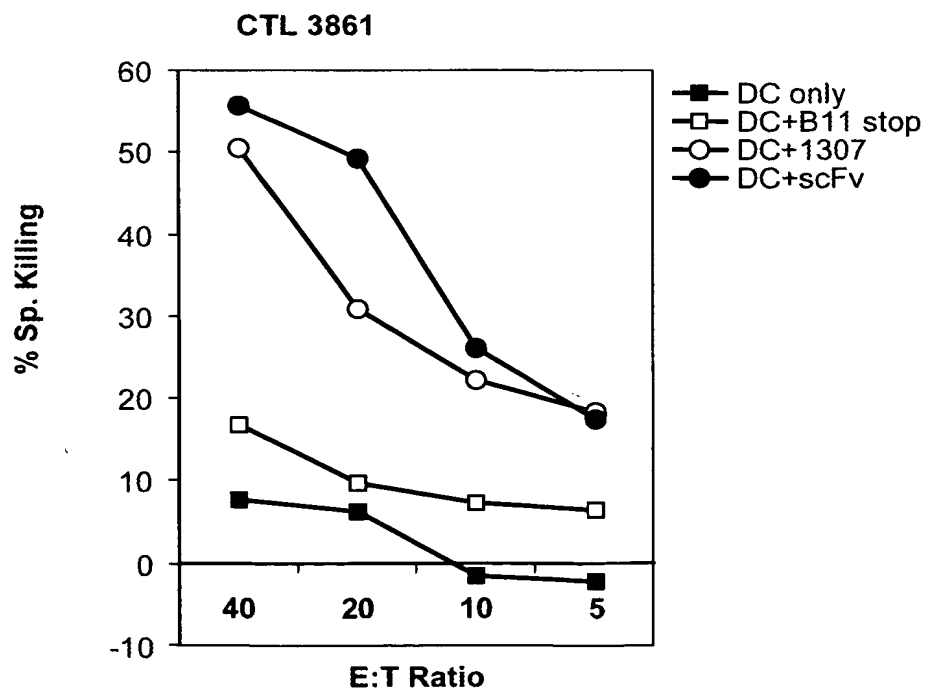


Fig. 11

Anti-Mannose Receptor VH5-51 Regions

	CDR1																																		
5-51 germline	E	V	Q	L	V	Q	S	G	A	E	V	K	K	P	G	E	S	L	K	I	S	C	K	G	S	G	Y	S	F	T	S	Y	W	I	G
B11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	R	-	-	-	-	-	-	-	D	-	-	-	-	T	-	-	-

[illegible][illegible]

5-51 germline
B11
W G Q G T L V T V S S

Fig. 12

VH5-51

CDRI

CDR2

v germline: GAC AAG TCC ATC AGC ACC GCC TAC CTG CAG TGG AGC AGC CTG AAG GCC TCG GAC ACC GCC ATG TAT TAC TGT
B11: --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- ---

CDR3

V germline: GCG AGA
B11: A-- --- GGG GAC CGG GGC GTT GAC TAC TGG GGC CAG GGA ACC CTG GTC ACC GTC TCC TCA

Fig. 13

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Anti-Mannose Receptor V κ L15 Regions

L15		D I Q M T Q S P S L S A S V G D R V T I T C R A S Q G I S S W L A W Y Q	<u>C D R I</u>	- - - - - R - - - - -
B11	germline	- - - - -		

[illegible]

L15	germline	I S S L Q P E D F A T Y C Q Q Y N S Y P	<u>CDR3</u>	
B11		- - G - - - - - - - - - - R T F G Q G T K V E I K		

Fig. 14

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Anti-Mannose Receptor VK Regions

L15 germline: GAC ATC CAG ATG ACC CAG TCT CCA TCC TCA CTG TCT GCA TCT GTA GGA GAC AGA GTC ACC ATC
B11: ---

L15 germline: ACT TGT CGG GCG AGT CAG GGT ATT AGC AGC TGG TTA GCC TGG TAT CAG CAG AAA CCA GAG AAA
B11: --- --- --- --- --- --- --- --- --- -G --- --- --- --- --- --- --- --- --- ---

L15 germline: GCC CCT AAG TCC CTG ATC TAT GCT GCA TCC AGT TTG CAA AGT GGG GTC CCA TCA AGG TTC AGC
B11: ---

L15 germline: GGC AGT GGA TCT GGG ACA GAT TTC ACT CTC ACC ATC AGC AGC CTG GAG CCT GAA GAT TTT GCA
B11: --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- G--- --- --- --- --- --- ---

L15 germline: ACT TAT TAC TGC CAA CAG TAT AAT AGT TAC CCT
B11: --- --- --- --- --- --- --- --- --- --- --- --- --- --- --- CGG ACG TTC GGC CAA GGG ACC AAG GTG GAA

B11: ATC AAA

Fig. 15